



RF



ORANGE COUNTY AMATEUR RADIO CLUB

VOL. XXXI NO. 4

P.O. BOX 3454, TUSTIN, CA. 92681

APRIL 1989



APRIL PROGRAM

Come to the April General Meeting and see a video tape on High Tech Hand Held radio equipment, presented by our Vice President, John, WA6LAB. Hope to see you on the 21st !!

CLUB BOARD OF DIRECTORS

President	Frank Smith	WA6VKZ	730-7142
Vice President	John Roberts	WA6LAB	540-7368
Secretary	Bob Tegel	KD6XQ	531-0926
Treasurer	Mark Stanford	KJ6JC	991-7398
Activities	Ken Konechy	W6HHC	541-6249
Membership	Tom Thomas	WA6PFA	771-2917
Public Relations	Jim Talcott	N6JSV	838-5395
T.V.I. Chairman	Bob Eckweiler	AF6C	639-5074
Member at Large	Ron Toering	KB6EZP	971-5180
Member at Large	Kei Yamachika	W6NGO	538-8942

CLUB APPOINTMENTS

Club Historian	Bob Evans	WB6IXN	543-9111
W6ZE Trustee	Bob Eckweiler	AF6C	639-5074
R.F. Editor (Act.) ..	Mark Stanford	KJ6JC	991-7398

CLUB FUNCTIONS

MONTHLY MEETING: 3rd Friday of each month, 7:30PM at:
MERCURY SAVINGS & LOAN TUSTIN, CA.
 Apr 21st 1095 Irvine Blvd. (4th St. becomes Irvine)
Talk-in on 146.55 MHz
 May 19th
 Jun 16th (Take the 4th St. exit of the 55 FREEWAY
 and head east. Continue about two blocks
 past Newport Blvd. It's on the left.)

CLUB BREAKFAST: 1st. Saturday of each month, 8:00AM at:
DENNY'S RESTURANT
 May 6th 2314 E. 17TH Street
 Santa Ana, CA. (714) 543-0872
 Jun 3rd (Second building west of the Newport (55) Freeway)

CLUB NETS

BAND	MODE	DAY	LOCAL TIME	FREQ MHz	SPLIT	PL	OPERATOR
2 Meters	FM	Wed	2100 hrs.	146.550	smplx	na	W6HHC
15 Meters	SSB	Wed	2000 hrs.	21.375*	smplx	na	WB6IXN
15 Meters	CW	Thu	2000 hrs.	21.175*	smplx	na	WB6IXN
2 Meters	PKT	Wed	1900 hrs.	145.090	smplx	na	W6HHC

(Listen for W6ZE, net control) *Plus or minus QRM

ARES DISTRICT NETS

2 Meters	FM	Mon	1900 hrs.	146.220	-600	1A	N6HQI	1
2 Meters	FM	Mon	~1915 hrs.	145.340	-600	4Z	WA6VKZ	2
2 Meters	FM	Mon	1930 hrs.	noted	smplx	na	noted	3

1 - ARES Info net. 2 - ARES District 3 net starts after info net is completed (Usually about 1915 hrs).

3 - City nets; Orange: 146.565, N6DNF; Tustin: 146.505, WA6VKZ; Santa Ana: 147.585, W6HHC

"....PREZ SEZ...."

No official "...PREZ SEZ..." this month folks. Prez, Frank/WA6VKZ, is feeling a bit under the weather due to his being "rear ended" in a traffic accident over the weekend. Frank did want me to mention that Field Day is only about two months away, so all members of the club need to start getting ready for that event.

Vic, WA6RNA, is looking for volunteers to work the NINTH ANNUAL VETERANS ADMINISTRATION WHEEL CHAIR game on June 13 - 17. If you have the time and can lend Vic a hand, give him a call at (714) 895-5170. He can fill you in on the other details.

MINUTES MARCH GENERAL MEETING

The March General Meeting was called to order at 7:30 pm on the 17th of March 1989 by the President Frank, WA6VKZ. 29 members and guests were present. Board members John, WA6LAB and Ron, KB6EZP were absent. Kent Dixon, KC6ATK, Jim Logan, N6UAB, Dennis Sheppard, N6RUL, Lew Bright, G4BHQ and Clay Glenn, a new novice without callsign as yet, were visitors. Fried Heyn, WA6WZO gave a synopsis of League activities, also touching on 220 and the always controversial "no code" issue. The first tally of the audience garnered 15 votes in favor of no code and 12 against. "After Fried's presentation, the vote had changed to 18 in favor and 9 against. Fried then showed a super Laurel and Hardy silent flick concerning the hazards of antenna erection. Old Business: Field Day and World Radio. New Business: None. Good of the Club: Pizza Bash Saturday Nite. Moved Club Breakfast to Denny's, ACP computer swap Sunday. Alex, W6RE, announced K4NAA (Navy communications unit) will be on the air April 1, 1989 from 1300-2100 SSB 7230, 14280, 21370 and 28350. DUES ARE DUE!!!. Meeting adjourned 9:03 PM. Respectfully submitted Bob, KD6XO, Secretary.

HAMCON 1989 ANNOUNCED

Final plans have been made for HAMCON 1989. This years location will be the Los Angeles Airport Hilton Hotel. The dates are: August 25, 26, and 27. This yer there will be both Saturday and Sunday Tech sessions, with the exhibits open both days. On Friday night there will be no host cocktails, possibly dancing to a Big Band Sound quartet, and even strolling magicians. The exhibits will also be open for a two hour preview. Our registration prices have even been held to the same as last year. So mark you calendar and make plans to come and enjoy yourselves at HAMCON 89.

From a flyer sent out by Gary Gabrick, KB6TWP, Registration Chairman, HAMCON.

HR ARRL BULLETIN NR 16 ARLB016
FROM ARRL HEADQUARTERS
NEWINGTON CT APRIL 5, 1989
TO ALL RADIO AMATEURS BT

AN ARRL STUDY COMMITTEE APPOINTED TO EXPLORE THE IMPLICATIONS OF A CODELESS CLASS OF AMATEUR RADIO LICENSE HAS SUBMITTED A REPORT RECOMMENDING THE CREATION OF SUCH A LICENSE AS AN ALTERNATIVE MEANS OF ENTRY INTO AMATEUR RADIO. THE ARRL EXECUTIVE COMMITTEE, WHICH MET ON APRIL 1, DID NOT TAKE A POSITION ON THE SUBSTANCE OF THE REPORT BUT AUTHORIZED ITS PUBLICATION IN THE MAY ISSUE OF QST AND REFERRED IT TO THE FULL BOARD OF DIRECTORS FOR CONSIDERATION.

THE STUDY COMMITTEE STRESSED THAT ITS PROPOSAL IF ADOPTED WOULD NOT CAUSE ANY LICENSEE TO LOSE ANY PRESENT PRIVILEGES. IT PROPOSES A NEW CLASS OF AMATEUR RADIO LICENSE WITH A WRITTEN EXAMINATION SOMEWHAT MORE COMPREHENSIVE THAN THE PRESENT TECHNICIAN EXAM BUT WITH NO REQUIREMENT FOR A MORSE CODE EXAM. HOLDERS WOULD BE GIVEN FULL PRIVILEGES NOW AVAILABLE TO TECHNICIANS ABOVE 30 MHZ, EXCEPT THAT 2 METER OPERATION WOULD BE LIMITED TO FREQUENCIES BETWEEN 144.9 AND 145.1 MHZ AND TO DIGITAL MODES ONLY. EXAMS WOULD BE GIVEN ONLY BY ACCREDITED VOLUNTEER EXAMINERS AND DISTINCTIVE CALL SIGNS WOULD BE ASSIGNED.

THE COMMITTEE REPORT DOES NOT REPRESENT LEAGUE POLICY AT THIS TIME. THE BOARD OF DIRECTORS IS THE POLICY MAKING BODY OF THE ORGANIZATION AND AS SUCH WILL DETERMINE WHETHER THE REPORT, WITH OR WITHOUT MODIFICATIONS, WILL BECOME LEAGUE POLICY. ARRL MEMBERS, OTHER LICENSED RADIO AMATEURS, AND OTHERS INTERESTED IN AMATEUR RADIO ARE INVITED TO REVIEW THE REPORT AND TO MAKE THEIR VIEWS KNOWN TO ARRL DIVISION DIRECTORS BEFORE THE NEXT BOARD MEETING, JULY 21 AND 22. AR COPIED FROM W1AW BY RALPH, W7DIB @ N7GLL

Fm: Peter O'Dell WB2D CQ Mag 76440,271
To: ALL

Preliminary Results of CQ's Survey on Code-Free Entry-Level License

We've now received something over 4400 responses. Since the survey was in the form of a post card requiring the participant to place a stamp on it, we have an obvious bias towards people who feel strongly about the issues. Given the initial rate of return and the slowdown as time goes by, we would expect a final number of returns to range between 4700 and 5000. However, the trends seem to be well established; the deviations of the daily tallies from the averages are minuscule. Overall:

For	59.5%	Against	40.5%
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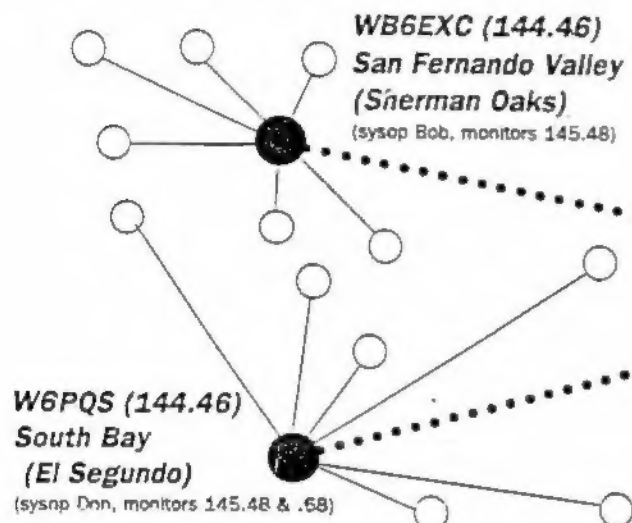
Controlling for ARRL membership shows very little difference -- 57.6% for and 42.4% against. This may simply be an artifact of ARRL's blood and guts battle against no-code in 1983. No figures have been calculated on license class yet, but it would appear that a higher class license is associated with a more favorable disposition toward the code-free concept.

One thing is abundantly clear from these results--this is wo4 a repeat of 1983 when our mail (and everyone else's) ran approximately 20 to 1 against. Were this a political poll, the pundits would be predicting a landslide victory for a code-free entry-level license. (Please distribute this information as widely as possible.)

The Southern California DX PacketCluster System

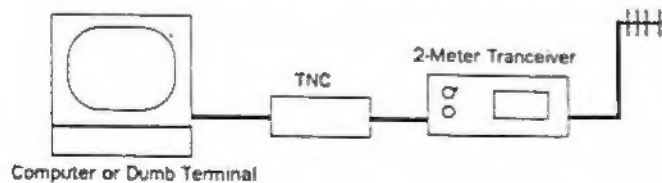
The Southern California DX PacketCluster system is growing rapidly in both coverage and users. During the ARRL CW contest 32 users were connected. More than 250 DX stations were announced. If you are not hearing this many reports, it's time to join us. We expect 50 PacketCluster users will be reporting DX during the SSB contest.

The system presently incorporates 4 interconnected nodes operating on 144.46 MHz. Each node can serve up to 26 users simultaneously. A DX announcement reported into any one of the nodes is automatically distributed to all of the users connected to all of the other nodes.



The major advantage of packet DX reporting is that you do not have to be present to hear the announcements. Upon returning to your shack, request a current report. Within seconds the five most recent reports will be summarized on your screen. You could ask for the last 10 reports on 20 meters, or perhaps the last 20 reports from ZA (good luck). The other information at your fingertips includes beam headings, sunrise/sunset times, MUF and WWV reports.

To join the system, you will need a packet TNC such as the AEA PK-88 or Kantronics KPC-2 (around \$150) and a computer "dumb" terminal (around \$125 new, or as little as \$25 used). You can connect the TNC to your existing two meter radio although eventually you will find the Packet system so useful you will probably buy a second radio. If you have a computer in the shack, it can be used to operate the TNC.

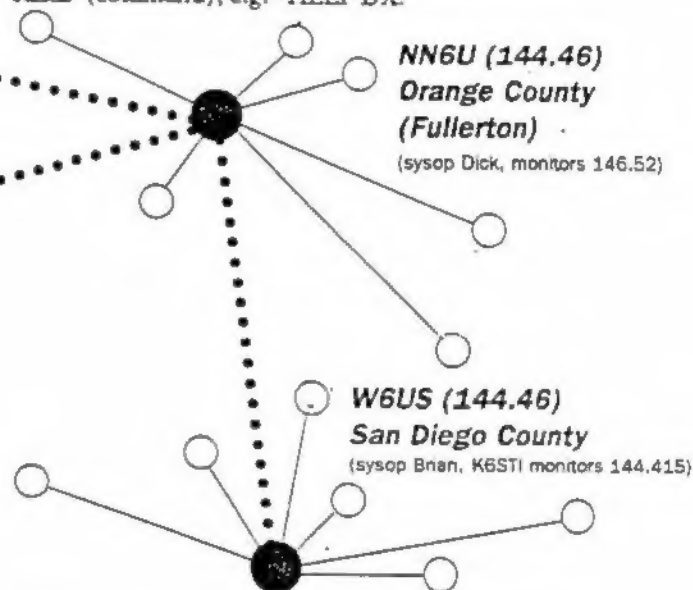


The nodes are designed with low antennas to provide coverage of specific areas and allow the frequencies to be reused by additional nodes. New users should connect with the closest node using a directional antenna and low power to avoid interfering with other more distant nodes and increase the system response speed. A list of connected users is available on screen and you may pass messages to anyone connected to any of the nodes.

TNC PARAMETERS — The following parameters are recommended for efficient channel utilization.

BEACON	0	MYCALL	your call
CMSG	ON	MAXFRAME	1
CMSGDISCOFF		PACLEN	80
DWAIT	16	RETRY	5
DIGIPEAT	OFF	RESPTIME	8
FRACK	5	TXDELAY	15 (30 if relay)
HWD	OFF	UNPROTO	NONE

CONNECTING — To connect to the PacketCluster, enter the command **CONNECT (call)** for the node closest to your QTH. You will be greeted by a welcome message followed by an offer of help. To see the available commands, type **HELP**. To obtain additional help with specific commands, type **HELP (command)**, e.g. - **HELP DX**.



USER COMMANDS — When entering user commands, only the capitalized letters and slash marks need be entered. Wait for a request to be completed before entering another!

ANNOUNCE (message)	make general announcements to all
BYE	to leave PacketCluster
DX (freq) (call) (mess.)	enter a DX announcement (e.g. — DX 14025 3W0A listening up)
SEt/Here	lets users know you are at your rig
SEt/NOHere	users know you are away from your rig
SEt/Location	e.g. — 33 80 N 118 40 W
SHow/CONFIGURATION	see all nodes and users connected
SHow/DX	see last five DX reports
SHow/DX/10 15	see last ten, 15 meter reports
SHow/DX/10 20 5B	see last ten, 20 meter, 5B reports
SHow/Heading (prefix)	calculates beam heading to (prefix)
SHow/Muf (prefix)	calculates MUF and LUF to (prefix)
SH/SUN (prefix)	sunrise/sunset times for (prefix)
SH/WWV	see last five WWV solar reports
TALK (call) (message)	send short message to other user (e.g. - TALK W6PQS meet me on 146.52)

"RF"

ORANGE COUNTY AMATEUR RADIO CLUB

APRIL 1989

SO-CAL DX PacketCluster SYSTEM - continued

BY KEN/W6HHC

HERE IS A SAMPLE OF THE TYPE OF REPORTS THAT YOU CAN GET FROM THIS EXCITING NEW PACKET SERVICE FOR DXers. ALSO, THIS NETWORK IS DIFFERENT FROM MANY OTHER BBS-OPERATIONS ON PACKET RADIO IN THAT MANY STATIONS CAN CONNECT AT THE SAME TIME TO THE SAME NODE!!! (NOT JUST ONE CONNECT AT A TIME!!)

Hi ! Welcome to the ORANGE COUNTY DX PacketCluster system.

Cluster info: 2 nodes, 11 local and 21 total users. Highwater mark - 21

W6HHC de NN6U 5-Apr-1989 0033Z Type H or ? for help >

SH/DX

14006.6	US0SU/1	5-Apr-1989 0015Z		<NF6H>
21010.0	US0SU	4-Apr-1989 2358Z	QSL UAOKCL	<NF6H>
21300.0	US0SU	5-Apr-1989 0112Z	QSX OWN QRG	<ND6G>
28498.5	PJ8JP	4-Apr-1989 2312Z	St. Eustatius	<W6EL>
50090.0	T30DJ	4-Apr-1989 2039Z	WEAK CW	<N6DX>

SH/DX/10 20

14006.6	US0SU/1	5-Apr-1989 0015Z		<NF6H>
14025.0	9J2BO	4-Apr-1989 1608Z	LP.. MAY HAVE QRT	<W6PQS>
14011.3	BV2A	4-Apr-1989 1535Z		<N6KK>
14017.3	US0SU	4-Apr-1989 1519Z		<N6KK>
14006.0	XX9YD	4-Apr-1989 1519Z		<W6PQS>
14006.3	XX9TO	4-Apr-1989 1422Z	up 2	<N6KK>
14195.0	FO0EXV/A	4-Apr-1989 1412Z	WKG OWN QRG	<ND6G>
14032.1	D68JL	4-Apr-1989 0351Z		<NF6H>
14025.0	RH8AX	4-Apr-1989 0350Z		<NF6H>
14020.0	US0SU	4-Apr-1989 0345Z	Up 5	<NF6H>

SH/DX/5 20 4X4

14223.7	4X4HF	23-Mar-1989 1625Z	1p	<W6EL>
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SH/DX/5 15 4X4

*** No DX records found ***

DX de N6ND: 28019.3 ZP5XDW/ZP6 0037Z

SH/DX/5 18

18117.0	J73CB	30-Mar-1989 0217Z		<N6NW>
18118.9	J52US	29-Mar-1989 0046Z		<K6TQ>
18099.8	TY9SI	26-Mar-1989 1621Z		<K6STI>
18095.0	VU2ZAP	24-Mar-1989 0214Z		<N6DX>
18110.0	FY5AU	24-Mar-1989 0203Z		<N6DX>

SH/DX/5 30

10119.0	UA0ZC	24-Mar-1989 0637Z		<N6DX>
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*** ON THE NETS ***

3/1 15m phone net - W6ZE/IXN checks in XO, NG7D, YZG, W6TUA/5 (Red, in Miss., frm Riverside, CA.), & Roy, W6THC, frm Cape Canaveral, Fla., formerly stationed at Vandenberg AFB. Tnx to XO's 6 el. beam, we were able to pull the 2 OPs out of the mud! NG7D works 46 states in less than 1 mo. on 17m! Bad luck appliance month carries over into Mar. wid YZG...the dishwasher conks out! XO tells OPs abt WA6RNA, Vic, winning Vet. Admn. Award fer his dedication & work wid Vets in amateur radio. Vic has a new dog, 'Keesha'; former dog..Mona. 3/1 2m phone net - W6ZE/HHC, at AF6C's QTH, checks in AF6C, BPX, SDU, IMP, PFA, JSV, RE, IXN, RND, NG7D, YZG, W6PBT (Frank), & XO...gud check-in, OPs! HHC enjoys new job..he's at home more often! BPX & Blanch go to Indio Date Festival. SDU works DX on HF bands early in AM. Foster inquires abt ICOM net on 20m at 10:30AM? Jane, nØne, mumbles in background as IMP 'sleeps in on weekend...Was he grumpy, Jane? & PFA gets '20 over sigs frm 4-land, & a ZL wid s/8 sigs at 7:15pm on 10m! BHQ landlines JSV & passes along his greetings frm England to all on the net. JSV also inquires abt WB6KPT, last name Dunavan, an old-timer in Club. IXN can't find name on Club rosters! Jim Kingsbury is now NS6W, & he, RE & XYLs all went out to dinner recently. RE works LY2ZZ frm Lithuania. What's this?!..A 'Spanish Band Grant?!..Tell us more, AF6C! & RND shows how to cut thru the QRM, QSOing Italy, Russia, & Yugoslavia on CW!! YZG comments on 'Digger O'Dell' & EZS getting the sewer covered up. PBT is dwn in QRN at IXN's QTH, & XO sends earthquake info to IXN, & mentions Molluka passage off Japan as high freq. E.Q. area. 3/2 15m CW net- W6ZE/IXN checks in TEJ & RND. We all discuss completion of income taxes! RJ's 14 yr old harmonic is in shack copying code wid dad! Nice going, Morgan! & RND works PJ9JT, Neth. Antilles, on 17m CW, wid his dipole! 3/8 15m phone net - W6ZE/IXN checks in NG7D, XO, VKZ, N6UAB (Jim, Irvine), & YZG...great going, OPs! YZG joins us after 'Wonderful Dogs' on TV! NG7D delights OPs checking in wid 'computer voice'! John thanks PFA for the SAM prog. Tom sent to him. VKZ's 'BW' apt.-dweller AD-10 ant. works well on 24, 18, 15, & 10m..no TVI..but 'Ma Bell' interference! Frank's harmonic, Susie, KA6QVU, has been accepted at Cal. Poly. San Luis Obispo, in the School of Engineering! Congrats., Susie! XO says ARRL SW Div. Director, Fried, WZO, will bring 'Laural & Hardy' film on ant. raising to next Meeting. XO also visits O.C. Emerg. Operating Center in Santa Ana wid LAB. XO tells us that Vic, RNA, is looking fer communications volunteers fer the 'Wheel Chair Olympics' at CSULB frm June 13-19..500 participants..60 OPs needed! NG7D has confirmed 32 states on 17m! N6UAB, Jim, learns about us frm 'RF'! Jim has delta loop ant. at apartment. Wants to join Club & will attend next meeting. VKZ asks IXN to announce City of Orange 10K run on Apr. 9..also BSA Camporee at Los Alamitos Race Track on Apr. 14-16. Volunteers needed fer both events! 3/8 2m phone net - W6ZE/HHC checks in BPX, IMP, JSV, RE, YZG, VKZ, XO, UJD, ATK, IXN, AF6C, & ULU at net's end!..great check-in! BPX's prayers to 'rain god' not answered..Wyatt will perform 'rain dance' ceremony wid the hose on his lawn tomorrow! QST!..HHC announces Club breakfast move to Denny's Restaurant, 17th St. & Newport Freeway, in Santa Ana! IMP & nØne hve their 1987 Hyundai, wid 727 & 109 inside, stolen...OP's hope ins. will cover the loss! The 'Digger O'Dells' (JSV & EZS) gather up IXN's bro., Lee, to help level the cemetery..er, I mean 'front lawn', after sewer installation. RE's grass & Oxalis are keeping Alex busy 'mowing & pulling'!..Watch the back, Alex! RE also plays interesting Westlink tapes! UJD has QRN on all OPs tonite!..so will listen on the side. YZG suggests the D. O'Dells use round stones frm front lawn to build a stone fence & make the QTH a 'historical object'! IXN informs OPs of 2 ARES messages passed on by VKZ on 15m. net. QST!..HHC & AF6C discuss new Club packett net to be held on Wed. eves., at 7:00pm, on 145.090 MHz, using RACES repeater fer voice coordination on 146.895MHz. All 'packetees' are invited to check in! HHC, AF6C, JC, & VKZ met earlier fer 1st net attempt! KC6ATK, Kent, frm Orange, new ham, checks in fer 1st time..We invite Kent to next meeting! XO repeats 15m traffic & inquires abt new Club packett net. ULU checks in after Coast Guard meeting. 3/9 15m CW net- W6ZE/IXN

(on the nets cont'd): checks in RND. John has been busy wid house chores, but hopes to do more hamming this weekend. IXN & RND try to pull an OP 'out of the mud'...QRN too great! SO IXN 73s to work on a computer program, & RND will 'rest his eyes' wid some reading & sleeping..Hi! 3/15 15m phone net- W6ZE/IXN checks in NG7D, YZG, GDZ, G4BHQ (JSV on side), XO, UAB, & ULU. Nice check-in, OPs! NG7D uses computer voice check-in, & John now has 40+ states to his credit on 17m! YZG reports on the high A-index readings & their effect on DX. GDZ concurs wid YZG's findings. Nice to have Will wid us tonite! NG7D monitors firedept. bands on 856-860 megs, & PD bands on 482-483 megs, & listens in on the the big fire at Grand & Warner, S.A., yesterday. BHQ 'pops' in on the OPs frm JSV's QTH. Too bad Lew isn't a 'yank'...We'll miss him when he returns to Guildford, Eng. UAB makes some changes to his 'invisible' ant. & increases his sig. strength 2 S units at IXN's Qth. XO attends 2 ARES meetings..Santa Ana & Westminster. & Bob has more seismic 'goodies' fer IXN. ULU checks in frm the QTH. Lloyd is working wid his computer programs. 3/15 2m phone net- W6ZE/AF6C checks in RE, BPX, UJD, YZG, IMP, RND, JSV, G4BHQ, IXN, XO, ULU, & HHC/m. RE can't keep up wid the grass!..Soon Alex will be standing on his tip-toes to see over top of the grass blades! RE plays Westlink tapes, which tell OPs '220' battle isn't over yet! BPX must rake leaves, cut weeds, watch cherry tomatoes grow, wait fer rain, nurse his bad knees, & con Blanche into doing sum of the work! AF6C doesn't like driving freeways in rain or fog, & UJD treats us wid sigs frm his new 321 Kenwood...beautiful sigs, Phil! And Phil, Clark Dye Hardware in Santa Ana has all kinds of nylon covered rope, etc., fer guying. YZG rpts A-Index of 150 Mon., 175 Tues., 29 Wed...Any doubts left on recent wipe-out of DX? IMP & other OPs are finishing up their taxes, & IXN joins net too late to hear latest on IMP & nØne's car theft. Digger O'Dell attacks 35 yr old shrubs in the yard, & Jim also tells OPs abt possible Club slide showing of 5 aircraft museums he & EZS visited in Great Britain. BHQ attends Club breakfast & will be at meeting this Fri. eve. IXN will make copies of his 'Around London Map' to make Lew homesick! Bob also tells OPs abt old-timer, Ed Heffner, W6CNK, an 80 yr old amateur that knows history of ham radio in Orange County in the 20s! RND joins the 'tax group' as he deals wid Uncle Sam. John also rpts on Emergency Net Grp. in the City of Orange. XO receives a letter frm a YL in England who wants scheds on 'driving events' (horses) on the West Coast. She lives abt 80 mi. frm BHQ's QTH in Guildford. ULU interrupts computer work to check in, & HHC can be heard mobile, vy weak, by some OPs. 3/22 15m phone net- W6ZE/IXN checks in VKZ, RND, YZG, XO, & NG7D. YZG & IXN watch 'Battle of Britain' on TV last eve. Tonite YZG works net while simultaneously feeding his dogs! IXN sends requested mag/distance to stars info. to YZG. VKZ praises Club pizza party, suddenly drifts up to 21.379.2, breaks up, & disappears!? RND works some DX & monitors another net. John will go to Bishop over Easter vacation. XO & IXN mention 400 earthquakes N. of Equator vs. 180 ± S. latitude fer 3 or 4 wk. period covered by XO's worldwide E.Q. statistics! NG7D now has 44 states confirmed wid 47 wrked on 17m!..gud wrk, John! RND opted to attend company party fer 6 members wid 25 yrs service, so John misses pizza party! 3/22 2m phone net - W6ZE/HHC checks in RNA, BPX, PFA, RE, RND, YZG, IMP, JSV, G4BHQ/6, WLO, UJD, IXN, XO, & ATK! Gud check-in, OPs! BPX has yearly physical, after Doc examines prostate, Wyatt exclaims, "Will I make 100?!" RNA urgently requests OP volunteers fer 'Wheel Chair Olympics' (dates mentioned above) at CSULB! International competitors will be arriving by bus, & travelling by bus to various events. Site & bus communicators will be needed! Contact Vic, via this net, or on 14.287 - 20 mtrs, or on the 145.240 repeater (-600), which Vic monitors. XO alerts RNA to Eric Vargas & his 'Emergency Services Explorer Post', giving 2 ph. nos, to call: 978-5153, or, 639-8359. XO also suggests a 'cute' stenographer to handle IXN's note taking activities on 2m! WLO 'flies in & flies out'...urgent business, no doubt! The Digger O'Dells (JSV & EZS) hve enlisted IXN's bro., Lee, to help remove the 'stumps' as the mortuary, er...I mean 'front lawn', project continues! BHQ/6, operating frm JSV's QTH, works OK, TX, & Atau Is. in the Aleutians! UJD is armchair copy at all OP QTHs, including IMP (wid nØne on side) in Bell-flower! RE plays Westlink tapes & tells OPs abt 45 hr. ham coverage of recent hazardous materials incident in Anaheim! PFA, wid repaired FX-80 printer (Epson), nw copies WX-FAX...HHC

(on the nets cont'd - 3): suggests weekly WX reports frm Tom. IMP negotiates wid ins. co. over car repairs & missing rigs for his recently returned stolen auto! YZG & XYL enjoyed Club pizza party. IXN invites ATK to join us on 15m CW net Thurs. eves. RND, after W.L. tapes, wonders abt outcome of '200 MHz' problem. HHC suggests that IMP put an Ad in RF fer ham gear he has for sale. PFA & IMP meet after net to discuss printer interface problems wid Commodore 64. 3/29 15m phone net - W6ZE/IXN checks in NG7D, GDZ, YZG, & ULU. NG7D tells ULU abt his DX sched between 2200-0200 hrs eves., & between 1500-1800 hrs AMs. on freqs of 28.3-28.4 on 10m. John also works New Caledonia in weekend contest. GDZ works SSB to Europe AMs on 28.7-28.8 MHz. & 10m FM at 29.6 MHz SSB. Will also has trouble getting the HT to work wid his packett TNC. YZG, & all OPs, report ULU's sigs better after he turns beam our way! Lu also tickles IXN's 'funny spot' wid 'dummy load dipole' ant. hoax rejected by ARRL! NG7D orders a new synthesizer voice program for his Commodore 64! 3/29 2 m phone net - W6ZE/AF6C checks in JSV, GDZ, RE, ATK, IXN, YZG, & ULU. JSV appears to be the only OP who watched the Academy Awards! Jim also tells OPs about Bruce K., a new prospective ham, listening to us on his scanner! (Welcome, Bruce!) RE attends Easter services, & dines wid a couple he hasn't seen fer 60 yrs., plays interesting Westlink tapes, & will only watch the 'Oscar' awards to see hw far some of the gals 'climb out of their dresses'! Alex also brings WA6RVS home after 6 mo. stay in the hospital! ATK needs code practice...IXN & ATK discuss possibilities. YZG suggests W1AW sched. to Kent. AF6C tells ULU that YMH BBS will not be down fer long. YZG wonders where all the 'Oscar' people were 'kissing each other'?! de WB6IXN

*** AREA AMATEUR RADIO IN THE '20s & '30s ***

At last choir practice, IXN got the name, Ed Heffner, W6CNK, an 80 yr. 'old-timer' in amateur radio from New York State to Santa Ana! I called CNK at his QTH in Orange. Born back East in 1909, Ed came to So. CA. around Oct., 1922. He got his first license bk in N.Y. State at the tender age of 11 or 12! Ed was an employee of the SAPD, when they first installed radios on their motorcycles. Ed's brother Robert, Bob, was also a ham wid the call, 6OP (before the 'W' prefix was added). A colonel in the Signal Corps, Ed became a supervisor in communications fer the State of CA. until his retirement. In the '20s, the Northern Orange County Radio Assoc., which met on 150m to 200m, was the fore-runner of our Club! In 1925, the ARRL Pacific Div. Convention was held right here in Santa Ana at the St. Annes Inn, across frm the Court House on Broadway. The Pacific Division (6th call district) was then composed of CA, Utah, Nevada, & Arizona. Well known wireless operators of the time were: Dr. John Waters, 6EC, dentist; Bob Heffner, 6OP; Cecil Yates, W6AVR; Keith Beisal, 6CHS; K enny, 6CHQ; & Ed, CNK. Also Ray Bloemer, 6QG, was active, & Club records show that Ray was a Club member in 1959. He lived at 1117 W. 3rd St., Santa Ana. Some of these OPs still meet on 7060 KHz. every Tues. morning arnd 10:00 AM. The first broadcast station in Santa Ana was located in the old Register bldg. on the SW corner of 3rd & Sycamore. Two fellows named Sanford & White, were the operators. They also opened a radio parts store in the Grand Central Market in Santa Ana. The first USA station to work Santa Ana was 6CGO, Glen Litton, who lived in Orange. Glen had a '204' tube wid 250W plate dissipation in a Hartley oscillator Xmtr. Ed. note: In the Apr. 1938 'Radio Amateur News', CNK, along wid MQF, LDJ, NSA, & LYM, all handled traffic along wid the SAPD station, KGHX, which was on the air 24 hrs. straight handling an average of 2 messages/minute during the 1938 flood!! de WB6IXN

HAM RANKS INCREASE

The number of FCC-licensed radio amateurs has surpassed 440,000 for the first time in history. FCC figures as of December 27, 1988, show a total of 440,311 licensed amateurs. By license class this looks like:

Novice	80,168
Technician	101,495
General	113,082
Advaced	98,681
Extra	46,885
Total	440,311

OUTGOING QSL BUREAU HAS (ANOTHER) RECORD BROKEN

In these days of record-breaking sun spots, thousands of DX QSL cards go through the ARRL Outgoing QSL Bureau. I waded through the stacks of cards the other day to find Joe Carcia, NJ1Q, busily at work tossing cards into the appropriate country slots. He mentioned to me that the previous record of single shipments by members was shattered recently. The details are as follows: The original record was held by Donald Havlicek, N8DE, with 35 pounds of cards. That record was tied on January 26, 1989 by Stanley Pope, K9MFI who also submitted 35 pounds of cards. It gets better. On January 31 Robert Cox, K3EST, sent 43 pounds of cards in to the bureau.

The record-shattering shipment arrived February 2 -- 54 pounds, sent in by Michael Koss, W9SU/W87PAX! As sunspot cycle 22 continues to bless us with tremendous propagation, I am certain that Michael's record will not stand for long! Anyone have an extra back brace?

From ARRL Newsletter. Downloaded from WB6YMH-2, Packet Bulletin Board.

ORANGE COUNTY AMATEUR RADIO CLUB, INC.
 P.O. BOX 3454
 TUSTIN, CA. ..92681



DATED MATERIAL !!!!!

FIRST CLASS MAIL

Addresses and Phone Numbers removed for privacy. Full rosters are available to club members.

OCARC 1989 MEMBERSHIP ROSTER - LISTED BY CALL
* HONORARY MEMBER

CALL	NAME	ADDRESS	CITY/STATE/ZIP	PHONE
....	JANE BRELLER		BELFLOWER CA. 90706	
AF6C	BOB ECKWEILER		ORANGE CA. 92669	
K1YZG	LU HURLBUT		TUSTIN CA. 92680	
K6LJA	TED GLICK*		SANTA ANA CA. 92706	
K6SR	LEE THOMPSON		TUSTIN CA. 92680	
KA6IMP	CHRIS BRELLER		BELFLOWER CA. 90706	
KB6EZP	RON TOERING		GARDEN GROVE CA. 92640	
KB6EZX	JEANIE TALCOTT		SANTA ANA CA. 92703	
WT6A	BOB MALLER		IRVINE CA. 92714	
KB6TTR	JIM MOREHOUSE		SANTA ANA CA. 92706	
KB6WLO	CARL WALLS		ANAHEIM CA. 92802	
KC6ATK	KENT DIXON		ORANGE CA. 92668	
KD6XO	BOB TEGEL		WESTMINSTER CA. 92683	
KI6DK	KEN KINOSHITA		TUSTIN CA. 92680	
KI6UL	BOB DAHLIN		GARDEN GROVE CA. 92641	
KJ6JC	MARK STANFORD		ANAHEIM CA. 92801	
N6ETK	LELAND CHAMPION		MIDWAY CITY CA. 92655	
N6IAT	ART FUSCHETTI		CORONA DEL MAR CA. 92625	
N6IDE	KENNETH SIMPSON		ORANGE CA. 92669	
N6JSV	JIM TALCOTT		SANTA ANA CA. 92703	
N6UC	JACK HOLLANDER		TUSTIN CA. 92680	
N6UJD	PHIL ANDERSEN		SANTA ANA CA. 92703	
W6ATU	BILL NASH		ORANGE CA. 92669	
W6COJ	DAVE HOLLANDER		SANTA ANA CA. 92703	
W6HHC	KEN KONECHY		SANTA ANA CA. 92701	
W6NGO	KEI YAMACHIKA		ORANGE CA. 92609	
W6RE	RALPH ALEXANDER*		TUSTIN CA. 92680	
W6VLQ	RICHARD HART		SANTA ANA CA. 92703	
WA6LAB	JOHN ROBERTS		SANTA ANA CA. 92707	
WA6PFA	ELMER THOMAS		ORANGE CA. 92609	
WA6RND	JOHN DAWSON		ORANGE CA. 92667	
WA6SOJ	DON RABBITT		YORBA LINDA CA. 92686	
WA6VKZ	FRANK SMITH		TUSTIN CA. 92680	
WA6WZO	FREID HEYN		COSTA MESA CA. 92626	
WB6BPX	WYATT BERRY		GARDEN GROVE CA. 92643	
WB6GDZ	WILL GALUSHA		WESTMINSTER CA. 92683	
WB6IXN	BOB EVANS		SANTA ANA CA. 92701	
WB6OWD	TIM GOEPPINGER		ORANGE CA. 92667	
WB6SDU	FOSTER CASTNER		ORANGE CA. 92668	
WB6ULU	LLOYD HARWOOD		ORANGE CA. 92667	